

FPA Characterization

This tool characterizes the fabricated FPA and several parameters like Uniformity, Noise, Responsivity, detectivity, Linearity, saturation, etc. The FPA faces the Blackbody @ high temperature. By Varying the bias, blackbody temperature and exposure, several images are acquired and analyzed.

- Sample: QDIP, DWELL on 9705 ROIC wirebonded on a 84 pin LCC
- Temperature range: 50K to 300K
- Blackbody temperature: Room temp to 150deg C
- Wavelength Range: 2micron to 24micron depends on the FPA material

